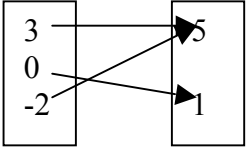
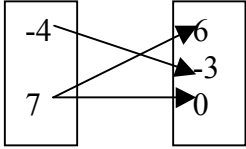
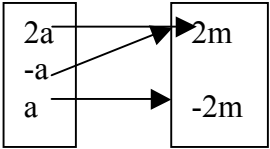
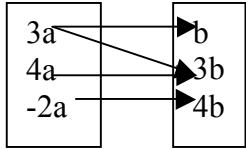
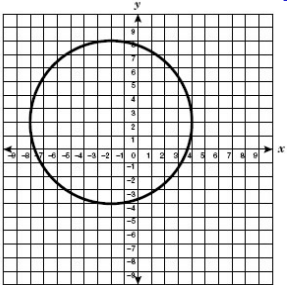
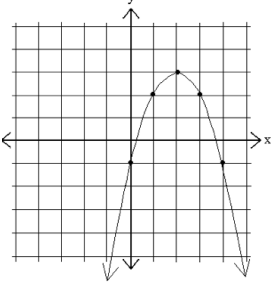
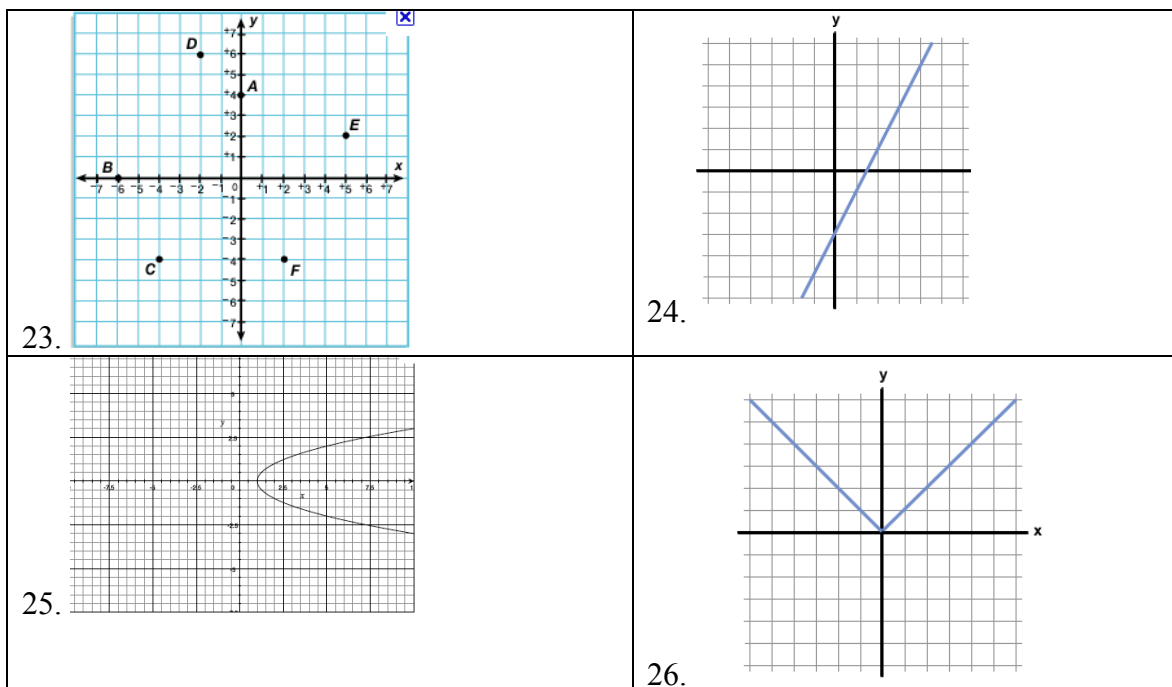


<b>Directions: State the domain and range of the relations.</b>
1. $\{(-1,1),(-2,2),(-3,3),(-4,4)\}$
2. $\{(6,3),(4,1),(2,-1),(0,-3)\}$
3. $\{(0,-2),(2,0),(3,1),(5,3)\}$
4. $\{(-1,3),(-2,1),(-3,-3),(-4,-5)\}$

<b>Directions: Write a rule for each relation and state its domain and range.</b>
5. $\{(0,4),(1,5),(2,6),(3,7)\}$
6. $\{(2,8),(3,12),(4,16)\}$
7. $\{(1,-2),(2,-1),(4,1),(5,2)\}$
8. $\{(-1,3),(-2,1),(-3,-3),(-4,-5)\}$

9. $\{(-2,-6),(-4,-12),(6,18)\}$
10. $\{(1,-2),(2,-4),(-1,2)\}$
11. $\{(-1,-1),(0,1),(2,5),(3,7)\}$
12. $\{(2,1),(1,-1),(-1,-5),(-2,-7)\}$

Directions: Determine which, if any, of the	following relations are functions.
13. $M = \{(2,4),(4,8),(8,16)\}$	14. $T = \{(-1,2),(-2,5),(-2,7)\}$
15. Domain      Range 	16. Domain      Range 
17. $\{(x,y) : y = 0\}$	18. $\{(x,y) : x = 2\}$
19. Domain      Range 	20. Domain      Range 
21. 	22. 



Directions: Write a rule for each relation.	
27.	$\{(-1,1),(-2,2),(0,0)(1,1)(2,2)\}$
28.	$\{(0,0),(-1,1),(1,1),(-2,4),(2,4)\}$
29.	$\{(0,0),(-1,-1),(-2,-8),(-3,-27)\}$
30.	$\{(-2,8),(-1,1),(0,0),(1,1),(2,8)\}$